3 GW 2 Revised 1969

MONTANA VIATER RESOURCES BOARD County Lake

22N-19W

#### RECEIVED

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

AUG 31 1971 Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, chale, sandstone, etc. Show depth at which water is found and

#### NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL depth at which water rises in well. Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

(Under Chapter 237 Montana Session	Laws, 1961, a	s amende	<b>d)</b> T	op of	Ground	(Elev. above sea level)	
This form to be prepared by driller, a by the owner with the County Clerk ar	nd three copie	filed	From (Feet)	To (Feet)		:"	
which the well is located, last copy to	be retained by	\	0_	_ <b>L</b>	tepsell		
Please answer all questions. If not appliform may be returned.	cable, so state, 	4_	12	cobblestone sand & gravel			
OwnerA1 _ Geb1	For Adminis	strator's Us	e	12	32	sand, gravel & eley	1 -
Address Same 62	Ella 1999	90D.	1 1	32	34	silty's brown sand	
Pelson, Kentons	august	30 ,1971 D: JO A,	n	34	36	sand & graveol	•
Date well started	L		1 1	26	.32_	Clas wom sand	-
completed			<u></u> }	_29_,	75	sand & gravel water	
Type of well Prilled	Dug, driven, bored or	drilled)		42	.44	each , grevel & clay	_
Equipment used Compan Daill	(Churn drill, rotary	or other)			<del> </del> -		
	☐ Stock ☐	Irrigatio	1		<b></b>		_
Industrial Drainage C	Other [□* G	arden/Law	/n <b>*</b> ⊡				7
*Describe		*****************					_
<b>USE:</b> If used for irrigation, industrial, state number of acres and location	drainage or	other. Ex	plain,				_
and Addition).					<del> </del>		
	>						
ESTIMATED ANNUAL WITHDRAWAL  Size of Size and From To Drilled Weight (Feet) (Feet)					<del> </del>		
Drilled Weight (Feet) (Feet) Hole of Casing	Kind Size	From (Feet)	To (Feet)				
6" 6 5/8 17# 3' 4"		(rect)	(rea)				
above 42	XXXXX	3000K	3000K				
ground			}				
			}		<del>                                     </del>		
, N			<u> </u>		<u> </u>		
	tatic water leve umping water	_			-		
a	f <b>12</b> neasured <b>120</b> .r	gallons	per minute	,			
	egan.						
	Measured from Vell developed	by .ba1					
L	or <b>4</b> ower		HI				
	Remarks: (Grave backers, type of			~~~~			
5		-					
7.22 N. R. 19 ±3x	· ·····		••••••				
INDICATE LOCATION OF WELL AND	DIACE OF !!	CE IF DO		-	-		
	INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  EACH SMALL SQUARE REPRESENTS 40 ACRES.						
Driller's Signature	e Of	Zeeh	۷.				
Driller's Address Ravells	•						
	LICENSE					Show exact depth of bottom	

199900

ALOIS J. GOHL

TO

THE PUBLIC

STATE OF MONTANA )
County of Lake ) Filed on the 30th day of August A.D. 1971 at 10:40 A.M. Ethel M. Harding County Clerk and Recorder

Deputy

File No.....

DUPLICATE

<u>"</u>				. ,						 ታሳ
					Approved S	itock Form—	State Publishin	ng Co., Helena,	Montana4855	3/
							ր 22	N R	19¥	
		MONTAN	A WATER	RESOURCE	S BOARD					
3		F E		EIVE				ty Lake		
op of Grou	LOG	<u> </u>	SEP	5 155 <b>y</b>	ADMINISTR.	ATOR OF	F MONTA GROUN ONSERVA	ANA DWATER TION BOA	CODE	
_	A	pprox.		Notic	ce of Co	mple	tion o	 f Grow	ndwate	2 <b>r</b>
eiga. Spoac	sea level?	170-10-			ppropria					<b>31</b>
ormatic	ns Log:							UARY 1, 1		
0 10	-			(Hnder	Chapter 237		<del></del>	<del></del>		ed)
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	clay.			<sub>er</sub> Zane	A. Kelly	, 	Addres	s Polson	. Monte	ana
0 - 27		imbedde v clav.		Liber	ty Drill	ine Co	. A.J.J.	Missou	la. Mot	ntana
7 - 30	Gravel	mixed								KYRA 14
0 - 27	in sil	ty clay.	• Date	of Notice	of appropri	ation of g	roundwate	rNone f	ıled.	
- J!	clay in	alter	- Date	well star	ted 7/30/6	9	Date o	ompleted	8/5/69	
7 _ 20	nate la	vers.			Drilled			_		
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	in.			er use:	Domesti		unicipal [			igstion 🗷
o <b>-</b> 50)		coarse ith some	_		Industria		rainage [	-	er 🗌	
		ixed <b>in</b>			on the diagra Irilling, such					
01/2- 51	Fine s		dept	h at whic	h water is en ight to which	countered	l, thicknes	s and chara		
	gravel cobble	and stones.			_ 			VALUE WELL.		<del> </del>
2	Water.			Size of DriBed	Size and Weight	From (Feet)	To (Feet)	ļ	ERFORATION	
1 - 53	Sand at	nd gra-		Hole	of Casing			Kind Size	From (Feet)	To (Feet)
3 - 57	Some c	oarse s		6"	6 5/8 "	3 = 5.04		5 9/16		
•	•	avel im- in cla			OD x %"	+1'4%	49	Stopmad Screen	e 49	53
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					ik tailpi is to 57		th sol:	idly cl	sed bo	ttom
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					N	S	tatic Wa	ter Level	for non-fl	owing well
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			į.			s	hut-in Pre	ssure for F	lowing We	n.Non-£
				х		P	umping '	Water Leve	1 48	fcet
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50 feet	from s	urface.					discharge	in gal. per	min. of f	lowing well
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7			06	numb	ed for irriga er of acres a	nd location	on or othe	r data (i.e.	: Lot, Bloc	k and Add

USE-If used number tion).

Approximately 15 acres,

Show exact depth of bottom.

Bottom of well 57 :

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be

52.... Driller's License Number Amailell Driller's Signature.

THE PUBLIC FORMULTANA SETATE OF MONTANA SETATE O

are not overpumped, i.e., they should be pumped at rates not in excess of 25 to 30 percent of the tested capacity of the aquifer.

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Typical in the time which is early reacting it as amaging

where the state of the state of the state  $\frac{\partial u}{\partial x}$ 

 $\begin{array}{lll} (1.64) & (1.7) & (1.76) \\ (0.74) & (1.4) & (1.60) \\ \end{array} \qquad \begin{array}{ll} (2.66) & (2.76) \\ \end{array}$ 

Plotice of Completian of Groundwister Appropriation by Manas of Well reversion Arres 1 years 1, 1621

and the states of the state values banks

G	Approved Stock Form—State Publishing Co., Helena, Montana—42234
File No	T22" R/9"
DUPLI	
ų	STATE OF MONTANA  ADMINISTRATOR OF GROUNDWATER CODE  OFFICE OF STATE ENGINEER  DECEIVE
	Declaration of Vested Groundwater Rights JAN 2 1964
1. Cour	(Under Chapter 237, Montana Session Laws, 1961)  STAIE ENGINEER  bert E. Myers Shirley M; Rt+1 Box 97 Polson  (Name of Appropriator) (Address) (Town)  ty of Axe State of Montana laws in effect prior to January 1, 1962, as follows:
паче	N
	2. The beneficial use on which the claim is based. House &
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been U.N. K. 170W.Q.
*	E
	4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2230)5 Min.
-20	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
	Lus Sec 22, T. 22 R.14
and p	te point of appropriation ace of use, if possible. Each square represents 10 acres.  6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
7. , đ	The date of commencement and completion of the construction of the well, wells, or other works for withward of groundwater
9. 8	the depth of water table
	1
10. 7	he estimated amount of groundwater withdrawn each year. 700, 000
11. 1	he log of formations encountered in the drilling of each well if available
-	
12. 8	Such other information of a similar nature as may be useful in carrying out the policy of this act, including eference to book and page of any county record
	Signature of Owner Rasse & mayous  Date Dec 30, 1963
	Date Orc 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Burcau of Mines and Geology, and Quadruplicate for the Appropriator.

162924

Thater Report
Robert & Myers

The Preblece

STATE OF MONTANA

County of Lake,

Filed on the 3.0 day of 100

A. D. 1903 at 12.10 o'clock I M

County Cleyb and Recorder

By In Depute

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GW 2			Approved	Stock Form—S	tate Publishing	Co., Helena, N	fontana—393:	•
File No	MONTARIA WATER RESO RECET	URCES BOARI	D			22N R	4	33/
DUPLICATE					Co	unty.	ak E	<del></del>
	MAY 15 1	13/17	A 702777777		OF MONTA			M,
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/上伏		_	dette of 4	<u> </u>			g.	
	lev. above sea level	) F	Notice of ( Approp					er
本/ ]			(Under Cha					
- O-	2 Topsoil	Owner V	ernon Snyd				NY.	Pablo
9	Static water leve	1				*		
- 2-	28 Gravel, boulders and clay		.K.O. Dril					
-	and cray		Notice of Approp					
·  -		Date we	ll started June	18, 19	Date Co	mpletedJu	ne 21,	1969
28-	343 Gravel, boulders and water		well Dril	led		, drill, rotarı		111
<b> -  </b>			Jse: Domestic	nn w	nicipal 🖂	Other [	~1 T	inntinu I''
34	Bottom of hole	Water (	Industrial		ainage	Stock [	-	igation 🗀
			dicate on the di					
			aet with in drilli epth at which wa				•	•
			strata and heigh		• .			or water-
Doc. No				<del>, - <u></u></del>				
	r record	Size of Drilled Hole	Size and Weight of	(Feet)	To (Feet)	\ <del></del>	ERFORATION	
this	14 day of may	Mole	Casing			Kind Size	From (Feet)	To (Feet)
this A. D. 19	70, at 12:57	б <sup>п</sup> ,	6" 17#	1 up	34 <b></b> ;			
this A. D. 19	14 day of May 270, at 12:52 p.31.		}	1 up	34§¹			
this A. D. 19	70, at 12:57		}	1 up	34 <b></b> 9'			
this A. D. 19	70, at 12:57		}	1 up	34 <b>6</b> '			
this A. D. 19	70, at 12:57		}	1 up	34à'			
this A. D. 19	70, at 12:57	6",	6" <b>17</b> #			Size	(Reet)	(Feet)
this A. D. 19	9_70, at 12:52 - p.:1.	6",	6" <b>17</b> 券	l for non-fl	owing Well	Size	(Feet)	(Feet)
this A. D. 19	9_70, at 12:52 - p.:1.	6", St	6" 17# satic Water Leve	l for non-fl	owing Well	Size	(Feet)	(Feet)
this A. D. 19	9_70, at 12:52 - p.:1.	6", St	6" 17# satic Water Leve	l for non-fl for Flowin	owing Well g Well 5 fe	Size	Rine	(Feet)
this A. D. 19	9_70, at 12:52 - p.:1.	6", St.	6" 17# atic Water Level nut-in Pressure : numping Water Le ischarge in gal.	for non-fl for Flowin evel	owing Well g Well  fer flowing w	stre	(Feet)	(Feet)
- this a. D. 19	9_70, at 12:52 - p.:1.	6", St.	6" 17# satic Water Leve	for non-fl for Flowin evel	owing Well g Well  fer flowing w	stre	Rine	(Feet)
- this a. D. 19	9_70, at 12:52 - p.:1.	6", St	6" 17#  atic Water Level nut-in Pressure : numping Water Le ischarge in gal. tow TestedTe: emarks: (Grave	for non-fil for Flowin evel. 3. per min. of st pump	owing Well g Well 5 fe flowing wLeng	et at 10 ell	Nine  J gal.	feet.  per minute.  urs
- this a. D. 19	9_70, at 12:52 - p.:1.	6", St	atic Water Level nut-in Pressure: umping Water Level ischarge in gal. fow Tested Telemarks: (Grave tion of	of packing,	owing Well  G Well  G feet flowing well  Lengue cementing use of grou	et at 10 ell ell packers, nawater if	gal.	feet.  feet.  per minute.  utoff, loca- ll, and any
- this a. D. 19	9_70, at 12:52 - p.:1.	6", St	atic Water Level nut-in Pressure: numping Water Le ischarge in gal. fow Tested	for non-fl for Flowin evel	owing Well g Well flowing w Leng cementing use of grou	et at 10 ell	gal.	feet.  feet.  per minute.  utoff, locall, and any number of
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this	N  N  N  N  N  Cor. SW2 SW2  14. Sec33 T.22 R  Indicate location of well	St. St. D. E. H. R	atic Water Level nut-in Pressure: numping Water Le ischarge in gal. fow Tested	for non-fl for Flowin evel	owing Well g Well flowing w Leng cementing use of grou	et at 10 ell	gal.	feet.  feet.  per minute.  utoff, locall, and any number of
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This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montane Bureau of Mines and Geology and Quadruplicate for the Appropriator.

193649 R-1202

WELL REPORT

VERNON SNYDER

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OF LAKE
Filed on the 14th day of May
A.D. 1970 at 12:50 o'clock P.M.
ETHEL M. HARDING
Clerk and Recorder

By

2.00

		~ 33
GW 1		Approved Stock Form—State Publishing Co., Helena, Montana—423—
File No	***************************************	ER RESJURCES BOARD TO 2 2 N E 17W
DUPLIĞ	ATE	County
12-	LOG	STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE
War Co	Top of Ground	OFFICE OF STATE ENGINEER
( V	(Elev. above sea level.	Notice of Completion of Groundwater
6		Appropriation by Means of Well
	0-27 Gravel, boulders, and clay	
	and oray	(Under Chapter 237, Montana Session Laws, 1551)
		Owner Vernon Snyder Address 2.0. Box 175, Pablo
	23 Static water leve	Driller C.K.C. Drilling AddressBex 670, Missoula
		Date of Notice of appropriation of groundwater.
-	27-42 Gravel, boulders	Date well started June 21. 1969 Date completed June 28. 1969
<u> </u>	and water	
		Type of well. Drilled Equipment used Churn drill (Dug, Driven, bored or drilled) (Churn drill, rotary or other)
	42 Bottom of hole	Water use: Domestic ▼ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □
		Indicate on the diagram the character and thickness of the different strata
-		met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing
-		strata and height to which the water rises in the well.
-	Doc. No. 193650	Size of Size and From To PERFORATIONS  Drilled Weight (Feet) (Feet) Kind From To
		Size (Feet) (Feet)
	this 14 day of May A. D. 19 70, at 12:45	= 6" 6" 17# 1' up 42'
-	o'clock	
	}	
-		
		Static Water Level for non-flowing well
		Shut-in Pressure for Flowing Well.
		Pumping Water Level
_		w at 50 gal. per minute.
-	ŧ	Discharge in gal. per min. of flowing well
<u> </u>		How Tested Compressor
十		Length of Test 3 hours
	SW cor.	SWZ SWZ Remarks: (Gravel macking, cementing, pack-
E		
_		place of use, if possible. Each small square represents 40
<u> </u>		acres.
F		(Continue on reverse side)
<b> </b>		USE-If used for irrigation, industrial, drainage or other. Explain, state
	1	number of acres and location or other data (i.e.: Lot, Block and Addition).
_		-
<u></u>	Show exact depth of bottom.	
		copies to be filed by the owner with the
	d by driller.	inch wie went to tocacea, mante copy to be
Please return		e, so state, otherwise the form will be  Charles I Vollandlemer  Driller's Signature  46444
return	·····	11.444
1		4 6

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R- 1203

WELL REPORT

VERNON SNYDER

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OF LAKE
Filed on the 14th day of May
A.D. 1970 at 12:55 o'clock P.M.
ETHEL M. HARDING

Clerk and Recorder

Deputy C

GROUNDWATER INDEX

Page \_\_\_of\_\_\_

County Lake

Twp. <u>22 N</u> Rge.

Rge. 17W

ec.	Name of Appropriator	Type of Form	County File No.	Remarks
5	mobler. melvin R + long m	GW3	187316	
6	Mohler, Melvin R + Coma m.	GW3	160931	
7	nothern Paile Ry	GW3	162825	
20	Phillipse, Louis T. + Luther W.		162935	
21	Hodakins Robert L.	GW2	205975	
28	Smith Inga W	6 W 3	163212	
	, ,			
		<u> </u>	<del>                                     </del>	
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			and the same of th	
	The second by the second		Text.	

Notice of Completi	Approved Stock Form—State Publishing Co., Helena, Montana—42345  T. 22 R. /7  County. Lake  STATE OF MONTANA  RATOR OF GROUNDWATER CODE  ICE OF STATE ENGINEER  On of Groundwater Appropriation  Without Well  Teloped After January 1, 1962  Peter 237 Montana Session Laws, 1961)
Frac · Nw 4 Sw 1/4 Sec. 5. T. 22 R/?  Indicate point of appropriation and place of use, if possible.	Date of Appropriation of Groundwater Dec 1911118  Mali reliable  Owner Ednam Mobile  Address Sum Lake Man  Address of Contractor MA  Address of Contractor MA  Date Started  Date Completed MA  1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Free Classicy Spring Plus  Pand & Lake Made by Spring which delices  Into The Swan River-olso Stream  which is result of Spring Flow  2) Means of withdrawing water (gravity, pump, canal, etc.)  Phing & Granty flow  3) Depth of water table Makanua  4) Use of the water Domestic, Jierfalian & Recolomal  Use For Fishing & Game watering  5) Amount of groundwater claimed (in miner's inches, or gallons  per minute) All analysis water—1.tol expected flow  and all Potential  6) If used for irrivation, give number of acres and description of  land & Acres deeded - Joh leased  7) Estimate amount of water used each year  Solood - Lood Out Fall analysis  Signature of Owner Making R. Making Ednam Making  Date Francisco Amelia Ednam Making  Date Francisco Amelia Ednam Making

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

187316
Water Keport
Melvin R. Mohler
Elna M. Mohler

The Pullic

STATE OF MONTANA
County of Lake
Filed on the \_\_\_\_\_\_ day of \_\_\_\_\_\_
A. D. 1997\_at2!35\_o clock \_\_\_\_\_\_ M
EIHEL M. HARDING.
County Clerk and Recorder
By County Clerk and Recorder

File No......

DUPLICATE

T 21 R 17

County LAKE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

M AUG 3 0 1963

STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

		Date of Appropriation of Groundwater £-1-63
		T. U.Dimo
	•	OWNER JOHN H PHIPPS Address POBOY 3547
		Contractor (if any)
		Address of Contractor
		Date Started Date Completed
	N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.
- {		water when applicable
1		· ·
		E
.		
1		
		Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent
	s s	estimate approximate lengths of periods of use
5	SE 4 Sec 6 T 22 R 17	
	Indicate point of appropriation and place of use, if possible.	
	and place of use, it possible.	4
		Signature of Owner John N. Marjun By Job L. Francis
		Date 8-1-13
		######################################

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

160931 160931 Hydolin L. Phipps Hydolin L. Phorrish The Public

STATE OF MONTANA

County of Luke,

Filed on the 28 day of Lugarit

A. D. 19 63 at 11:30 o'clock A M

HAZEL KINNICK

County Clerk and Recorder

By Tham

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECEIVED DEC3#1963

STATE ENGINEER

#### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

		Date of Appropriation of Groundwater
		Owner NORTHERN FACER Ry. Address St. Paul Mina.
		Contractor (if any)
		Address of Contractor 7/A
		Date Started 1/A Date Completed 1/A
	N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
		water when applicable
		noturns flowing spring
		-
W		
	<u> </u>	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermit-
N.E	E 4NESSec 7 T224 R 17W	tent estimate approximate lengths of periods of use
Ir	dicate point of appropriation ad place of use, if possible.	Estimated flow of 1/2 miners inch used
	.a p.1100 02 4100, 12 p011011111	intermettently for genzing & domestic
		use.
		NORTHERN PACIFIC RAILWAY Co. Signature of Owner Ly D. R. Fatters on
		Date Dec 20, 196 3

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

R-527 Hoter Report Northern Pochikung The Public

STATE OF MONTANA

County of Lake,
Filed on the A. 7. day of A. D. 1908 at C. Con clock G. M

County Clerk and Recorder

By

Depute

File No.  DUPLICATE  MAR 2 1964  County.  ADMINISTRATOR DOFFORD OF STATE ENGINEER  Declaration of Vested Groundwater Rights  (Under Chapter 237, Montana Session Laws, 1961)  LAMBER OF STATE ENGINEER  Declaration of Appropriator)  (Name of Appropriator)  County of Montana Declaration of Appropriator have appropriated groundwater scoording to the Montana laws in effect prior to January 1, 1962, as follows:  2. The baneficial use on which the claim is based.  2. The baneficial use on which the claim is based.  3. Date or appropriator date of earliest beneficial use; and how continuous the use has been applied and name of the owner threed to which water has been applied and name of the owner threed	بر GW		<u></u>		
ADMINISTRATE OF STATE ENGINER  Declaration of Vested Groundwater Rights  (Under Chapter 237, Montana Session Laws, 1961)  Name of Appropriator)  County of July 100 State of Mall Laws appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:  N  2. The beneficial use on which the claim is based.  Date or approximate date of earliest beneficial use; and how continuous the use has been.  2. The amount of groundwater claimed (in miner's inches or gallons per minuts).  5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner than when water from the ground and place of use, if possible. Beach small square represents 10 serves.  6. The means of withdrawing such water from the ground and the location of each well or other means of 'tibdrawal.  7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  8. The dopth of water table.  9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.  10. The estimated amount of groundwater withdrawn each year.  21. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.  Signature of Owner. Actual Actua			$b_0$ .	DECEIVED	T 22N R / 7 U
Declaration of Vested Groundwater Rights  (Under Chapter 237, Montana Session Laws, 1961)  1		ATE	<sub>6</sub> )	UU MAR 2 1964 U	
Declaration of Vested Groundwater Rights  (Under Chapter 237, Montana Session Laws, 1981)  LOUIS  (Name of Appropriator)  (Name of Appropriator)  County of Active 200.  State of Mall Laws of County of Active 200.  And Laws appropriated groundwater according to the Montana laws in effect prior to January I, 1962, as follows:  **Note: The beneficial use on which the claim is based.  Date or approximate dato of earliest beneficial use; and how continuous the use has been.  **Note: The amount of groundwater claimed (in miner's inches or gallona per minute).  **State Active 200.  **Active		ر. ا	oʻ st	ATE OF MONTANA	
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Signature of Owner Jolus . July	rei	ference to book and r	page of any county	record	
					, ,
				Signature of O	Koui I ( Hill
Date					
					Date 1975

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

R.601 167935

Jouis T-Chillips

to

The Cublic

STATE OF MONTANA

County of Lake,

Filed on the SU day of AL

A.D. 1903 at S. Sclock O.

County Clerk and Recorder Depende

DRILLER'S LOG

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

OCT 10 1977 Indicate the character, color, thick-MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF RESOURCES and COURSE STREET, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

APPROPRIATION BY MEANS OF WELL Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended) (Elev. above sea level) 3450 Top of Ground This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned. For Administrator's Use File**R-1388; 205975** Oct. 6,1902 8:35 aug. Date well started 2 ... 2 completed 9 8 7 9 Type of well Equipment used Cha Water Use: Domestic Municipal 🔲 Stock 📓 Irrigation 🔲 Industrial Drainage Other []\* Garden/Lawn [7] USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). .... ESTIMATED ANNUAL WITHDRAWAL SCO.CO PERFORATIONS From (Feet) To (Feet) Pumping water level 9.....ft. at .....gallons per minute measured a.minutes after pumping began. \*Measured from ground level. Well developed by for hours.
Power Pump Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature . Driller's Address - Lateral

....LICENSE NO.

Show exact depth of bottom

R-1388

205975

ROBERT L. HODGKINS

STATE OF MONTANA SECURITY OF Lake
Filed on the day of the A.D. 1972 at 1973 Subject to the County Clark and the Co

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 6 1964

# Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

	Owner Juna W Smith Address / 102 River St Mescula Contractor (if any)  Address of Contractor
Sec. S. T. 22 R. 1.7.  Indicate point of appropriation and place of use, if possible.	Date Started

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

R-864 163212 Inga W. Amith The Public

STATE OF MONTANA

County of Lake,

Filed on the 2.1. day of Ale

A. D. 1963 at 5.37.0'clock P. M

MAZEL KINNICS

County Clerk and Recorder

By Marian 200

GROUNDWATER INDEX

County Lake

Twp. 2/N Rge. 23 W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
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2	ancela Herra A.	GW.3	159604	· · · · · · · · · · · · · · · · · · ·
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2	anecker Henry A	GWH	159603	
2	Queeka, Senge A.	GW4	159601	<del></del>
_3_	ancela Senge A	GW2	159600	·····
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<u> 4</u>	Christensen, Bell	57 Willing	152929	<del></del>
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4	Row, Walter A.	GW4	160342	<del></del>
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OIS T File No. DUPLICATE County. STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER STATE ENGINEER Notice of Completion of Groundwater Appropriation Without Well (Under Chapter 237 Montana Session Laws, 1961) Date of Appropriation of Groundwater 1749 Owner George A. Awee Kadress Hot Springs Mont, Contractor (if any) .... Address of Contractor Date Started Date Completed. Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable FLOWIM9 Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use...... 50 G.P.M. NE NE 14 NE Sec. 1 T. 21 R.23 behind Dam for Irrigation Indicate point of appropriation and place of use, if possible.

Date...

This form to be prepared by contractor (if any), otherwise by the owner

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Signature of Owner ...

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

15.960.2

Hater Report

Leorge Anuela

The Public

STATE OF MONTANA SAN COUNTY OF Lake,
Filed on the 2 day of Thouse A. D. 1963 at 16:160 clock A.M.

HAZEL KINNER

County Clerk and Recorder

By Deputs

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/W 3 File No	Approved Stock Form—State Publishing Co., 1	Helena, Montana—39089
DUPLICATE	County	Late
Ź	STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER	MAY 10 1963
Notice of Co	ompletion of Groundwater App Without Well	ro <b>p<sup>erta</sup>tion</b> ENGINEER
	Under Chapter 237 Montana Session Laws, 1961)	
	Date of Appropriation of Groundwater	
	Owner George A. Awee Kaddres	s Hot Springs Mont.
a Maria di Kabupatèn Balandaran Kabupatèn Balandaran Kabupatèn Balandaran Kabupatèn Balandaran Kabupatèn Baland Kabupatèn Balandaran Balandaran Balandaran Balandaran Balandaran Balandaran Balandaran Balandaran Balandaran B	Contractor (if any)	······································
	Address of Contractor	
	Date Started Date Co	mpleted
Gnils N	Describe means of obtaining groundwa sub-irrigation and other natural procuater when applicable	

JU, 5 W/ NE Sec. 2 T21 R23

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation  $\mathfrak{c}_{+}^{g}$  method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use 50 G.P.M.

Subirrigate Hay Land

Signature of Owner George a. aweeka

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

R 160 15.96 o 4 Aster Report George Gineka The Public

Filed on the dissort County of Luke.

Filed on the dissort Character County Clerk, and Recorder

By Market County Clerk, and Recorder

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Approved Stock Form-State Publishing Co., Helena, Montana-39089

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File No.....
DUPLICATE

T2111 R 23W

## STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

DECEIVED MAY 10 1963

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Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

R-155 159599 Hater Report George Reverker The Public

STATE OF MONTANA County of Lake,
Filed on the 8 day of May
A. D. 1963 at 10.10 Grant County

HAZEL GRANTICK M County Clerk and Recorder Depute 200

<b>y</b>	, ,),	Approved Stock Form-State Publishing Co., Helena, Montana-39089
ile No	S. C.	T 2/N R 73W
DUPLICATE	Sylve All But	County Lake
	ADMINISTRA	FOR OF GROUNDWATER CODE OF STATE ENGINEER ODE MAY 10 1963
	Declaration of Under Chapter	Vested Groundwater Rights TE ENGINEER 237, Montana Session Laws, 1961)
1 George	= A. Aweeka	of Rural Hot Springs (Address) (Town) State of Montana
(N County of	ame of Appropriator)	(Address) (Town) State of Montana
have appropris	sted groundwater according	to the Montana laws in effect prior to January 1, 1962, as follows:
	2.	The beneficial use on which the claim is based. Trigation
	3.	Date or approximate date of earliest beneficial use; and how con-
	-	tinuous the use has been
w	X	
	4.	The amount of groundwater claimed (in miner's inches or gallons per minute) RSO GP.M.
	<del></del>	If used for irrigation give the serenge and description of the lands
		If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
W 15E Sec 2	T21 R23	Geo: Aweeka
Indicate point of and place of us Each small squar acres.	se, if possible.	The means of withdrawing such water from the ground and the location of each well or other means of withdrawalPUMP.
drawal of gre	oundwater 1910	on of the construction of the well, wells, or other works for with
8. The depth of	water table FLO	WING
		size and depth of each well or the general specifications of any other
	HEAV)	1 3 4" 1.D. CASING 240' DEEP
10. The estimate		withdrawn each year 10 ACRE FT.
	•	ne drilling of each well if available
		te drining of each well it available
***************************************		
12. Such other i	nformation of a similar natu	are as may be useful in carrying out the policy of this act, including
***************************************		y record NONE
***************************************		Simple of the second
		Signature of Owner Leange Q. Owerk Date May 7, 1963
Three appier to	he filed by the comes with	the County Clerk and Recorder of the county in which the well
located.	ne med by the owner with	the county overs and necorder of the county in which the well
Please answer a	d questions. If not applicable	le, so state, otherwise the form will be returned.
Original to the of Mines and G	County Clerk and Recorder cology, and Quadruplicate f	; duplicate to the State Engineer; Triplicate to the Montana Burer or the Appropriator.

R-159 159603 Hater Report George Ameka The Public

County of Lake,
Filed on the B day of Mary
A. D. 1963 at 10:18 o'clock IN

BAZEL KINNIER

County Clerk and Recorder

By Deputy

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M. T. Ca

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n File No		•••		Approved Stock Form—State Publishing Co., Helena, Montana—39089				
UPLICATE				County Lake				
· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·			8	TATE OF MONTANA				
		<sub>ADI</sub> Declarati	OFFIC Oofficen	TOR OF GROUNDWATER GODE  DE OF STATE ENGINEER  Vested Groundwater Rights  Vested Groundwater Rights  TATE ENGINEER				
:		(Und	ler Chapte	r 237, Montana Session Laws, 1961) STATE ENGINEER				
1 Geo	rge F	of Appropri	eeka	of Rural Hot Spring  (Address) (Town)  State of Mantana				
County	of	ARE		State of Montana				
nave app	propriated a	groundwater	according	The beneficial use on which the claim is based				
X			3.	Date or approximate date of earliest beneficial use; and how con-				
w			- - E	tinuous the use has been /9/0 Continuous				
		<del></del>	4.	The amount of groundwater claimed (in miner's inches or gallons per minute)				
	8		5	If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof				
SW <sub>1/4</sub> NW	Sec. 4 T.	21 R23		Geo. Aweeka				
Indicate po and place Each small acres.	int of app of use, if	ropriation possible.	6	The means of withdrawing such water from the ground and the location of each well or other means of withdrawal				
drawal	of groundy	vater	1910	ion of the construction of the well, wells, or other works for with-				
				/				
9. So far works	as it may l	be available, hdrawal of	, the type, groundwat	size and depth of each well or the general specifications of any other er.  Heavy 34'' 1.D. Casing 265'Deep				
			· · · · · · · · · · · · · · · · · · ·	11.5.2.V.J. 3. 1.0 L.4.3 (.F.1.9. L.63 DEED				
10. The es	timated am	ount of gro	undwater	withdrawn each year 10 acrefect				
11. The log				he drilling of each well if available. None				
referer	ice to book	and page of	any coun	ure as may be useful in carrying out the policy of this act, including ty record.				
				Signature of Owner Heavy A. Aweek				
				Date May 7, 1963				

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

R-157 159601 Heorge Geneeka The Public

County of Lake.

Filed on the day of May

A. D. 1963 at 10 Harring.

County Clerk and Recorder

By Depute

GW 2		Approved St	ock Farm—St	ne Publishing (	Co., Helona, l	Montana-3908i	13
File No	The state of the s	1		Т	21N R	23W	)
DUPLICATE	AN V	$\mathcal{J}^{-}$		Coi	inty	-ake	·
Top of Ground (Elev. above sea level 390	)	lotice of C	comple	F MONTA F GROUNI STATE EN	MARKER GINELEM Grou	CFIV AY 10 196 ndwate	
		Appropr					NLLN
Flowing	(Under Chapter 237, Montana Session La						
Well Well	Owner	George A Control Patrick	laxter	K.Address.	HOTS,	orings	Mont.
<b> -     </b>	Data of 1	Notice of Approp					
	Date of 1	11 started Nov	1. 1962	Date Co	mpleted	Dec.15	,1962
		well Drill			ent Used		••••••
		lriven, bored or			drill, rotar	y or	
		Jse: Domestic   Industrial		nicipal []	Other Stock		igation 🗷
4 4	strata n Show de	dicate on the di net with in drilli epth at which wa strata and heigh	ng, such a ster is ence	s soil, clay, ountered, th	shale, gra ickness an	vel, rock or d character	sand, etc.
	Size of Drilled	Size and Weight of	From (Feet)	To (Feet)		PERFORATION	s
	8"	6" I.D. Standard	0'	256	Kind Size	Prom (Feet) 217	Post) 256
NV/SE Sec. 3. T.2 Indicate location of place of use, if possib small square represents	P D E H II I	other acres i	per min. o.  Arrel  l packing, place of similar per prigated, if	g Wellfe f flowing w Lenguse of ground in the comment in the	et at	type of sh f not at we including	per minute.  M.  lin.  nutoff, loca- ell, and any number of
Show exact depth of botte	om.			Drille	er's Licens	e Number	
				Drill	er's Signal	enc l	Baxta

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

159600 Thater Report George America The Public

Filed on the 8 day of A. D. 1963 all (2 o'clack A. M. A. D. 1963 all (2 o'clack A. M. M. County Clerk and Recorder By Deputs

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in ar	THE Approved Stock Form—State Publishing Co., Helena, Montana—38496
UPLICATE	T. 21 R. 23  County. Lake
OF HOATE	STATE OF MONTANA
	STRATOR OF GROUNDWATER CODE
The state of the s	DFFICE OF STATE ENGINEER UL SEP 184962
Declaration	of Vested Groundwater RightsSTATE ENGINEER
(Under C	hapter 237, Montana Session Laws, 1961)
, Glionac a. a.w	recharge of Rural - Hot Spring 1962
(Name of Appropriator)	(Address) STATE ENGINEE
have appropriated groundwater acco	ording to the Montana laws in effect prior to January 1, 1962, as follows:
N	2. The beneficial use on which the claim is based Drugation
	2. The beneficial use on which the claim is based to the state of the
	3. Date or approximate date of earliest beneficial use; and how con-
	tinuous the use has been Ward Continuous Lig
W E	and the state of t
	4. The amount of groundwater claimed (in miner's inches or gallons
X	per minute) 500 gellaro per minute
	5. If used for irrigation, give the acreage and description of the lands
5	to which water has been applied and name of the owner thereof
101/1 De Sec 3 T 21 R 23	
Indicate point of appropriation and place of use, if possible.  Each small square represents 10	6. The means of withdrawing such water from the ground and the
acres.	location of each well or other means of withdrawal
	the state of the s
	mpletion of the construction of the well, wells, or other works for with-
drawai of groundwater	
8. The depth of water table 23	4 ft.
9. So far as it may be available, the	type, size and depth of each well or the general specifications of any other
works for the withdrawal of groun-	dwater 4 much heart well casing 23
10. The estimated amount of groundwa	ater withdrawn each year 110 acre ft.
11. The log of formations encountered	in the drilling of each well if available
	nature as may be useful in carrying out the policy of this act, including
	county record
reference to book and page of any	
reference to book and page of any	county record
reference to book and page of any	county record
reference to book and page of any	Signature of Owner George a, awecka
reference to book and page of any o	county record
Three copies to be filed by the owner located.	Signature of Owner George a, awecka

Hater Hell Report

George & Dorothy Consider

The Public

STATE OF MONTANA

County of Lake,

Filed on the 1 day of 2011

A. D. 1922 at 7 18 o'clock 1 M.

AZEL KINNICK

County Clerk and Recorder

By

Deputs

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N.	ADMINISTR	Approved Stock Form—State Publi	shing Co., Helena, Montana—38496
File No	restor 4+ 1	(	T 21 R 23
OUPLICATE 12	is was seen your	`	County Lake
	Come jours	STATE OF MONTANA	
	ADMINISTR OFFI	ATOR OF GROUNDWATER COD	SEP 18 1962
	Declaration of	Vested Groundwater	Rights FNCINEED
	(Under Chapt	er 237, Montana Session Laws, 190	DECEIVED
a George A. an	d Dorothy M. Awe	eka of Rural Eot	Springs SER 25 1962
(Nan	e of Appropriator)	(Address)	STATE ENGINEED
County or	********	State of Montana g to the Montana laws in effect p	prior to January 1, 1962, as follows:
Ņ	· · · · · · · · · · · · · · · · · · ·		•
		2. The beneficial use on which the of Rayland and for st	claim is based Irrigation ockwater & Domestic use
		B. Date or approximate date of eatingons the use has been USE	rliest beneficial use; and how cond continuously since
w	E	completion year of 19	51
		4 m	
			nimed (in miner's inches or gallons per minute
		****	
-		5. If used for irrigation, give the a	acreage and description of the lands ed and name of the owner thereof
. 4	11 23		
Indicate point of a			
and place of use, Each small square	if possible.	6. The means of withdrawing su-	ch water from the ground and the
acres.	•	location of each well or other	means of withdrawal
7. The date of condrawal of groun	nmencement and comple idwater 1951	tion of the construction of the w	ell, wells, or other works for with-
9 The depth of v	raton 'tabla	206 ft.	
_			
works for the w	vithdrawal of groundwa	ter 6" heavy well casi	ne general specifications of any other ng 206 /t. long
***************************************	······································		
		•	
10. The estimated a	amount of groundwater	withdrawn each year	O Acre feet.
11. The log of form	nations encountered in	the drilling of each well if avails	ablenone
•••			
reference to boo	ok and page of any cour	ity record none	out the policy of this set, including
	•	Signature of Owner	
	•	_	Date Sept. 7, 1962
Three copies to be	filed by the owner with	•	of the county in which the well
located.	•	,	The same of the sa

ΡÍ

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

Hater Hell Report
Henge & Dorothy liweden
The Public

STATE OF MONTANA

County of Lake,

Filed on the 1 day of Lept

A. D. 19 HAZEL BINNICK

County Clerk, and Recorder

Bu Deputs

4.

MONTANA BUREAU OF MINES AND GEOLOGY 28 1961

	Butte, Montana	2 4 6 1301
u 33	WATER WELL LOG	STATE ENGINEER
	Spickusen	Address January =
WELZ Driller		Address
Date Started		Date Completed/916
Location: Sec	3 T 2/R23	1/4 sec 3500 542600 60 W.
Type of well	Equipment use	ed
Water use: Domestic Mur	nicipal Sto	ck 🗵 Irrigation 🔀
Industrial Dr	ainage Other	,
Casing: 235 ft. to 240	ft. Type	size 4 inch.
Casing:ft. to	ft. Type	Size
Casing:ft. to	ft. Type	Size
Perforated or Screened: Ft	to ft F	t to ft
Type of screen or perforations		
Static Water level, for non-flowing well:		feet.
Shut-in pressure, for flowing well:	lb./sq. in	. on:(date)
Pumping water level	feet at	gal, per min
How tested:		
Length of test		
Remarks: (Gravel packing, cementing, p	ackers, type of shut-off, d	epth of shut-off)
Delowing 700	gul per	and Senson
gatt value	- Start of	aid Seesond
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A	D. 1961	F MON  of Lake  The A  HAZEI  Gerk au  Lev	Lo'doci KINNI d Recor	N. N.																
<i>B</i> <sub>V</sub> .	S S	-lev	D	cputy																
									ļ											

21 County LAKE MONTANA BUREAU OF MINES AND GEOLOGY  $\mathbb{ECEVE}$ Butte, Montana . WEll WATER WELL LOG STATE ENGINEER OWNER BILL CHRISTENSEN Address HOT SOR 1195 MONT Driller EARL King Address Bt I & NITIOS MONT Date Started Date Completed 1948 33 ocation: Sec. 4 T. 21 R 23 4 sec 2860'S 4 540' WOJ NE English DRILLE Equipment used Churk IV.
iven. Frad, or drilled) (Churn drill, rotary, other) Type of well. Water use: Domestic 🗡 Stock X Irrigation X Municipal Industrial Other:..... Drainage Type STEEL Size Casing: 238 ft to 240 ft Casing:\_\_\_\_\_ft. tc.\_\_\_\_ft. Туре... Type....... Size..... Casing: ft. to ft. Perforated or Screened: Ft...... to ft..... Ft..... to ft...... Type of screen or perforations. Static Water level, for non-flowing well: (date) Pumping water level gal. per min.....gal. per min..... How tested: Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) Mourig 700 gal pour min.

(over)

STATE OF MONTANA! County of Luke, Filed on the 26 key of A. D. 196 1 at 2.47 o' thek HAZEL KINNI C. yety Clerk and Record By De			

... \$ \$...

MONTANA BUREAU OF MINES AND GEOLOGE CEIVE , NELL WATER WELL LOG STATE ENGINEER OWNER BILL ChRISTENSENADDRESS HOTSPRINGS 1916 Date Completed 1961 330cation: Sec. 4 T. 21 R. 23 1/2 sec /320'5 4175'W ANE Corner PRILLE C Type of well .Equipment used.. drill, rotary, other) Stock X Irrigation | Municipal Water use: Domestic Industrial Drainage Other: Type Steel Size 4 inch Casing: 235 ft. to 240 ft. Casing:\_\_\_\_ft. to\_\_\_\_ft. Size..... Casing:\_\_\_\_ft. to\_\_\_\_ft. Type Size Perforated or Screened: Ft.... ..... to ft.. Type of screen or perforations..... Static Water level, for non-flowing well: (date) Pumping water level.....gal. per min.....gal. per min..... Length of test..... Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) GATE VALVE

(over)

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ST.	ATE OF	MONTAN of Lake.	A) Le C										
A	D. 1961.	MON FAN Luke. 2 Luky of 12:4 Co HAZEL K	INNICK Recorder	-									
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Section 1.

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Approved Stock Form-State Publishing Co., Helena, Montana-42262 -

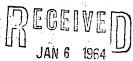
T2/N R 23 W

File No......

DUPLICATE

County LAKE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



## Notice of Completion of Groundwater App@priation/GINEER Without Well

(Under Chapter 237 Montana Session Laws, 1961)

	Date of Appropriation of Groundwater 19 43
	Owner Walter a Rauxadress HOT SPRIMGS
	Contractor (if any) NONE
	Address of Contractor NONE
	Date Started 1943 Date Completed 1943
W Z Z	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable Shating his wife to be a sufficient of the sub-irrigate on both approximately support to the sub-irrigate on the sub-irrigate of the sub-irrigate of the sub-irrigate of the sub-irrigation and other natural processes".
	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent
S + Y W 4 Sec + T 2 R 23  Indicate point of appropriation and place of use, if possible.	Nestimate approximate lengths of periods of use flows
	Signature of Owner Matter a Rau  Date 12-28-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

R936 163182

STATE OF MONTANAL

County of Lake,

Filed on the 3 / day of A. D. 1963 all China clack I M

County Clegk and Recorder

Su Devisto

Devisto

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<b>.</b>		Approved Steck Form-State Publishing Co., Helena, Montana-40876
File No	******************	T.21 N. R. 23 W.
DUPLICATE		County Lake
* *		STATE OF MONTANA
is the second of		STRATOR OF GROUNDWATER CODE DECEIVED
	<b>O</b> :	FFICE OF STATE ENGINEER LU JUL 11 1963
	Declaration (Under C	of Vested Groundwater Rights TE ENGINEER hapter 237, Montana Session Laws, 1961)
•	•	
1 Walter	A. Rau	of Hot Springs
Canada - 4	(Name of Appropriator)	(Address) (Town) State of Montana
have appr	opriated groundwater accor	rding to the Montana laws in effect prior to January 1, 1962, as follows:
	N	• • • • • • • • • • • • • • • • • • • •
x	<del></del>	2. The beneficial use on which the claim is based irrigation and stock water
		3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1915 and continuous since that date, when needed.
₩	E	
		4. The amount of groundwater claimed (in miner's inches or gallons per minute)
	se. 4. T. 21R. 23 W.	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Irrigates approximately 60 acres located in NEINWI, part of EinWinWI and approx. 20 acres in NISEINWI all in Sec. 4, T.21 N., R. 23 W. Owned by Walter A. Rau
and place o Each small seacres.	f use, if possible. quare represents 10	6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
7. The date drawal o	of commencement and configuration for the second se	apletion of the construction of the well, well, or other works for with-
8. The dept	th of water table2	8'i *
9. So far as works fo	r the withdrawal of ground	type, size and depth of each well or the general specifications of any other lwater. Flowing well, 4" casing and depth 287:————————————————————————————————————
10. The estimate	mated amount of groundwa	ater withdrawn each year Not known
11. The log	of formations encountered	in the drilling of each well if available. Not known
***************************************		

Signature of Owner.....

Date June 21st, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

R182 160342 Water Report Walter a. Raw to The Public

County of Lake,
Filed on the J day of July

A. D. 196 3 at 1/1 S o clock M

HAZEL KINNICK

County Clerk and Recorder

By 6, Owner

Deputy

GROUNDWATER INDEX

County Lake Twp. 2/N Rge. 2/W

ec.	Name of Appropriator	Type of Form	County File No.	Remarks
1 1	Tolt, m. Wallace + brene H.	GW4	162988	
	Holt M. Wallace + Irene . H.	G. W. 4	162989	
	Burrowes, J. Wendellor marilys J.	GW4	162974	
	Thompson George W	GW4	162771	
- 1:	moore, Thurman	6 W 2	205691	
15	Cullen, L. L.	GW3	161150	
15	Cullen L. L	GW4	161149	
22	Hahn, Elizabeth Horner	GW 4	162873	
22	Wright, Thomas A+ oline &	6.W4	162937	
23	aylesworth, albert R+	GW4	162174	
	Barnes, last &	"	11	
23	Bryant, ellsworth	GW2	197142	
24	Turnquist, Lymon m	GW4	161730	
25	aglesworth, arthur	Gw4	158874	
26	Robertson, maurice	GW4	162628	
26	Wangerin, melvin d	GW4	163071	
34	Wolchuk, Pearl	57 well log	152966	
36	Kaiser, mac &	GW4 1	162087	
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GV		Approved Stock Form—State Publishing Co., Helena, Montana—41921
File N	To	T ZI' R ZI
DUPL	ICATE	County Lake STATE OF MONTANA
	· · · · · · · · · · · · · · · · · · ·	FIGE OF STATE ENGINEER
		of Vested Groundwater Rights JAN 2 1964  Lapter 237, Montana Session Laws, 1961)  State ENGINEER
<sub>1</sub> M.	Wallace Holt and Irene G. H	Iolt Polson (Address) (Town)
	(rintho or arkbrobinger)	(
Con		ng to the Montana laws in effect prior to January 1, 1962, as follows:
[_	N -	2. The beneficial use on which the claim is based. Stockwater
		3. Date or approximate date of earliest beneficial use; and how continuous the weeken
w -	well E	ous the use has been 1937 - intermittant use for stockwater
} }		4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gallons
Ŀ	s	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
<u> </u>	₩ E 2 Sec. 1 T. 21 R. 21	
and	cate point of appropriation place of use, if possible. Each l square represents 10 acres.	6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
		Pump
7.	The date of commencement and condrawal of groundwater	mpletion of the construction of the well, wells, or other works for with
8.	The denth of water table 30 fe	et
		type, size and depth of each well or the general specifications of any other
	hand o	dug and cribbed
10.	The estimated amount of groundwate	er withdrawn each year 600 gallons per day
11.	•	n the drilling of each well if available
12.	Such other information of a similar	nature as may be useful in carrying out the policy of this act, including the county record.
	reference to book and page of any or	•
		Signature of Owner French Halt
		Date December 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

1653 165988 Thater Report The Nuclean & Irene Hate The Public

County of Lake,

Filed on the 3 0 day of Loc

A. D. 196 3at 3.11 40 clock PM

HAZEL KINNEUM

County Clerk and Recorder

By

Doors

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cw -	Approved Stock Form—State Publishing Co., Helena, Montana—41338
File N	o
DUPL	그는 그
er.	ADMINISTRATOR OF GROUNDWATER CODE
	OFFICE OF STATE ENGINEER
	Declaration of Vested Groundwater Rights
	(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEE
	Older Stapes 151, Indiana States, 2027
1.M.	Wallace Holt & Irene G. Holt of Polson
	(Name of Appropriator) (Address) (Town) ounty of Lake State of Montana
h	ave appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:
_	N  2. The beneficial use on which the claim is baseddomestic
}	and stockwater.
	well  3. Date or approximate date of earliest beneficial use; and how con-
}	tinuous the use has been 1948; continuous use
w  -	Ε
	4. The amount of groundwater claimed (in miner's inches or gallons
- }	per minute)
\ 	
L	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
. 1	
	1/4 Sec. 2 T21 R 21
$\mathbf{and}$	cate point of appropriation place of use, if possible. 1 small square represents 10 5.  Cased well and electric pump
	The date of commencement and completion of the construction of the well, wells, or other works for with drawal of groundwater
8.	The depth of water table 40 feet
9.	So far as it may be available, the type, size and depth of each well or the general specifications of any othe works for the withdrawal of groundwater
	well is 78 feet deep and metal casing with electric pump
10.	The estimated amount of groundwater withdrawn each year 1,000 gallons per day
11.	The log of formations encountered in the drilling of each well if available
12.	Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
	De Change
	1/2 Hrallan Tollan
	Signature of Owner Shinks Male
	DateDecember. 30,1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

16 7989

Anter Report

M. Wallace & Irene Halt

The Public

County Clark and Recorder

County Clark and Recorder

Deposit

No		Approved Stock Form—State Publishin	21M R 21m
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ountyLake
LICATE	gt	ATE OF MONTANA	\
		TOR OF GROUNDWATER CODE	DECEINED
		OF STATE ENGINEER	
			JAN 2 1964
Deci	(Under Chapter	Vested Groundwater R 237, Montana Session Laws, 1961)	STATE ENGINEER
		nrrowes., of11.233rdStvEs (Address)	
ounty ofLake	water according to	State of Montana	o January 1, 1962, as follows:
N N			
	2.	The beneficial use on which the claim Watering Cattle	is basedRouseholdand
		Date or approximate date of earliest	hanaficial was and have continue
	3.	ous the use has beenThe previous	•
	E	purchased this property is knowledge of when this well	deceased and we have no
	4.	The amount of groundwater claims	ed (in miner's inches or gallons
		per minute) 10 gal. per mi	
	5.	If used for irrigation, give the acre	eage and description of the land
g		to which water has been applied None	
1/4L014 Sec.4 12 L E	<b>2</b> į.l		
icate point of appropr place of use, if possible.	iation		
ll square represents 10	Each acres. 6.	. The means of withdrawing such wa	ter from the ground and the loca
		tion of each well or other means of	withdrawalpump
		ion of the construction of the well,	
The depth of water tabl	e30 ft.		
So far as it may be a	vailable, the type,	size and depth of each well or the	general specifications of any other
works for the withdraw		Dug well, cement cribbing,	
***************************************			
The estimated amount	of groundwater w	ithdrawn each yearNo.tusingat.	
The log of formations	encountered in the	build a house drilling of each well if available	5 <b>.</b>
***************************************		Not avail	
	• • • • • • • • • • • • • • • • • • • •		
reference to book and	of a similar nati	ure as may be useful in carrying ou	t the policy of this act, includi
	···		
		$\mathcal{L}_{\omega}$	Marly & Bursure
	ı	Signature of OwnerZ	Marly J. Bursuve
			e 12 - 30 - 63

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

R.643
Natu Report
Thendell & Marilyn J.
Bustowes
to
The Public

STATE OF MONTANA

County of Lake,

Filed on the 30 day of Loc.

A. D. 1963 at 50 o'clock LM

HAZEL KINNICK

County Clerk and Recorder MA

Dopute

1200

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ÇFT.

31	Approved Stock Form—State Publishing Co., Helena, Montana—42234
File No	TJ/NRZ/W
DUPLICATE	County Lake
ADI	STATE OF MONTANA  MINISTRATOR OF GROUNDWATER CODE  OFFICE OF STATE ENGINEER  ON OF Vested Groundwater Rights
• • • • • • • • • • • • • • • • • • • •	er Chapter 237, Montana Session Laws, 1961) STATE ENGINEER
Name of Appropri	State of Montana.
have appropriated groundwater a	ccording to the Montana laws in effect prior to January 1, 1962, as follows:
N	2. The beneficial use on which the claim is based. Stock water
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been \$12000 19346 Property
W	Ε
	4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 20
	5. If used for irrigation, give the acreage and description of the lands
S S S S S S S S S S S S S S S S S S S	to which water has been applied and name of the owner thereof
Indicate point of appropriation and place of use, if possible. Each sm. ll square represents 10 acres.	6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
drawal of groundwater / 9	nd completion of the construction of the well, wells, or other works for with-
	2.7
9. So far as it may be available,	the type, size and depth of each well or the general specifications of any other oundwater.
	outuwater / C. Ja
	ndwater withdrawn cach year 438000 Jo
11. The log of formations encounted	ered in the drilling of each well if available. Clay and sand
	similar nature as may be useful in carrying out the policy of this art, including any county record
	Signature of Owner Leving W. Mongo
	Date 12 1/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

162771 Hater Report George N. Thompson the Public

STATE OF MONTANA;

County of Lake.

Filed on the 2 e day of Loc

A. D. 1963 at 1:52 o'clock I M

HAZEL KINNICK

County Clerky and Recorder

By Deputy

3 GW 2 Revised 1969 -3M-10/69

\$27 15 7072

County LAKE

DRILLER'S LOG

gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

## STATE OF MONTANA

## MONTANA WATER RESOURCES BOARD NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

20.010pcd 21101 321102					
(Under Chapter 237 Montana Session	Laws, 1961, as amended)	Top of	Ground	(Elev. above sea level)	_
this form to be prepared by driller, and three copies to be filled by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.		From (Feet)	To (Feet)		
orm may be returned.			4	TOP 3015	
•		4	3/	GRAVEL	
Owner Thistand Moo Pa	For Administrator's Use	77	75	SAND	
Address Rt 1 , Box 83HA	File <i>R-1382 205691</i>	-75-	27	TRADECERVEL	_
PONSI NT	Quet. 18, 1972 - 3:20 0.70				_
1-2 - 72	GW 1				
completed <b>6-6</b> 72					
Type of well PRILLED					
(Dug, driven, bored or drilled) Equipment used CABLETOLS					
· · · · · · · · · · · · · · · · · · ·	(Churn drill, rotary or other)	ļ			
Water Use: Domestic 🕱 Municipal [1 Stock 🗌 Irrigation 🗌			<del> </del>		
Industrial 🗍 Drainage 🗍 C	Other   * Garden/Lawn		<del> </del>		_
*Describe					
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block			<b></b>		_
and Addition). 5 ½ Lo76					
ESTIMATED ANNUAL WITHDRAWAL	2 000 000				
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_  =	-		
Size of Size and Weight (Feet) To (Feet)	PERFORATIONS				
6 10 t 18" 19"	Kind From To Size (Feet) (Feet)				
17.24	54075 16' 19	,			
	4x 2"				
			7	100	
		\		100	
N			175	66	
; ; St	atic water level	t.*	75.6	4	
Pi	umping water levelf	:-\	, 00		
m	gallons per minuseasured <b>12.0</b> minutes after pumpi	na -	<del>/                                     </del>		
b	egan.				
	Measured from ground level.				
	Vell developed by BAILER	····		<u> </u>	
	or hours.	HP	-+		
	emarks: (Gravel packing, cementi				
	ackers, type of shutoff)	-			
5% LOT 6	•••••••••••••••••••••••••••••••••••••••	····-		<del></del>	
T					i
W			-1		
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.					l
EACH SMALL SQUARE REPRESENTS 40 ACRES.			_‡		
Driller's Signature But 36	Marian				
Driller's Address Bent 36		I	191		<u></u>
Patte, mt 57	LICENSE NO. 22			Show exact depth of bottom	